

022004
15992

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>	Attorney Docket No.	A52 CON1
	First Inventor	Routkevitch, et al.
	Title	SEMICONDUCTOR AND DEVICE NANOTECHNOLOGY AND METHODS FOR THEIR MANUFACTURE
	Express Mail Label No.	EL961393708US

APPLICATION ELEMENTS	Commissioner for Patents Mail Stop Patent Application PO Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(submit an original and a duplicate for fee processing)</small> 2. <input checked="" type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27</small> 3. <input checked="" type="checkbox"/> Specification [total pages <u>30</u>] <small>(preferred Arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) [total sheets <u>7</u>] 5. <input checked="" type="checkbox"/> Oath or Declaration [total sheets <u>11</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from prior appl. (37 C.F.R. § 1.63(d)) i. <input checked="" type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <small>Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</small>	6. <input type="checkbox"/> Application Data Sheet. (See 37 CFR 1.76) 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
ACCOMPANYING APPLICATION PARTS	
9. <input checked="" type="checkbox"/> Assignment Papers (coversheet/document(s)) 10. <input type="checkbox"/> 37 CFR. 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document 12. <input type="checkbox"/> IDS & Form 1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Statement of Tapeshe Yadav	

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/004,258

Prior application information: Examiner: Evan T. PERT Group/Art Unit: 2829

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label 25235		or <input type="checkbox"/> Correspondence address below		
Name				
Address				
City		State	ZIP	
Country		Telephone	Fax	

Name (Print/Type)	Stuart T. Langley	Registration No.	33,940
(Signature)	<i>Stuart T. Langley</i>	Date	2/20/04

022004
10/783629022004
10/783629

FEE TRANSMITTAL
for FY 2004TOTAL AMOUNT OF PAYMENT (\$) **(\$425.00)**

Complete if Known	
Application Number	
Filing Date	Herewith
First Named Inventor	Routkevitch, et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	A52 CON 1

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit Account Number **50-1123**Deposit Account Name **Hogan & Hartson L.L.P.**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
 Applicant claims small entity status.
 See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001	770	2001	385
1006	340	2006	170
1007	530	2007	265
1008	770	2008	385
1005	160	2005	80
SUBTOTAL (1)			(\$385.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** =	<input type="text"/>	<input type="text"/> = 0
2	-3** =	<input type="text"/>	<input type="text"/> = 0
Multiple Dependent		<input type="text"/>	<input type="text"/> = 0

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	84	2204	42
1205	18	2205	9
SUBTOTAL (2)			(\$0.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	420	216	210
117	950	217	475
118	1,480	218	740
128	2,010	228	1,005
119	330	219	165
120	330	220	165
121	290	221	145
138	1,510	138	1,510
140	110	240	55
141	1,330	241	665
142	1,300	242	650
143	480	243	240
144	640	244	320
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	770	246	385
149	770	249	385
179	770	279	385
169	900	169	900
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3)
			(\$40.00)

SUBMITTED BY Complete (if applicable)

Name (Print/Type) Signature	Stuart T. Langley <i>Stuart T. Langley</i>	Registration No. (Attorney/Agent)	33,940	Telephone	(720) 406-5335
				Date	2/20/04

PATENT
EXPRESS MAIL NO. EL961393708US
Attorney Docket No. A52 CON 1
Client/Matter No. 80741.0029.001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Routkevitch, et al.

Serial No. _____

Filed: Herewith

For: SEMICONDUCTOR AND DEVICE
NANOTECHNOLOGY AND METHODS
FOR THEIR MANUFACTURE

Group Art Unit:

Examiner:

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Commissioner:

The undersigned hereby certifies that the following documents:

- Utility Patent Application Transmittal;
- Utility Patent Application [Specification (26 pages); Claims (3 pages); Abstract (1 page); Drawings (7 sheets)];
- Declarations (executed);
- Assignment with Recordation Cover Sheet;
- Statement of Tapesh Yadav;
- Request to Amend Inventorship;
- Fee Transmittal with check in the amount of \$425.00;
- Certificate of Mailing by Express Mail; and
- Return Receipt Postcard.

relating to the above application, were deposited as "Express Mail", Mailing Label No. EL961393708US, with the United States Postal Service, addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, PO Box 1450, Alexandria VA, 22313-1450, February 20, 2004.

Date

2/20/04

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2/20/04

Mailer

Steve Rangley

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PATENT
Attorney Docket No. A52 CON1
Client/Matter No. 80741.0029.001
Express Mail No. EL961393708US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Routkevitch, et al.

Serial No.: Not Yet Assigned

Filed: Herewith

For: **SEMICONDUCTOR AND DEVICE
NANOTECHNOLOGY AND METHODS FOR
THEIR MANUFACTURE**

Art Unit:

Examiner:

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
PO BOX 1450
Alexandria, VA 22313-1450

REQUEST TO AMEND INVENTORSHIP

DEAR SIR:

This continuation application contains new claims that involve less than all of the inventors of the parent application. Please amend the inventorship so that the only inventors are:

**Dimitri Routkevitch, Tapesh Yadav, Peter Mardilovich, Alex Govyadinov,
Stephanie Hooker, and Stephen S. Williams.**

The names of the deleted inventors whose invention(s) are no longer being claimed are:

Ming Au, Bijan Miremadi, John Freim, Yuval Avniel, Roger Dirstine and John Alexander.

No fee is believed to be required at this time. However, if any fees are required, please charge deposit account no. 50-1123.

Respectfully submitted,

Date: February 20, 2004

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